ABSTRACT OF THE DISCLOSURE

A combustion chamber assembly for use in a combustion tool including a combustion chamber, at least one combustion chamber plate disposed in the chamber, the at least one combustion chamber plate and the chamber members being configured for relative reciprocal movement, the combustion chamber assembly having at least one latch member associated with control of movement of at least one plate within the combustion chamber to divide the chamber into multiple volumes. The combustion chamber assembly further has a release for the latch member for permitting relative movement of the at least one combustion chamber plate and the combustion chamber.